<110> SinoGenoMax Company Ltd
<120> Randomised DNA libraries and double-stranded RNA libraries, use and method of production thereof
<130> P06031PC00
<140> PCT/SE2003/001077
<141> 2003-06-23
<150> US 60/390,108
<151> 2002-06-21
<160> 45
<170> PatentIn version 3.1
<210> 1
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<220>
<223> primer
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ggaattcgaa cgctgacgtc atcaacccg   29
<210> 2
<211> 35
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<223> primer
<400> 2
gaagatctgt ctcatacaga acttataaga ttccc   35
<210> 3
<211> 500
<212> DNA
<213> Artificial Sequence
<220>
<221> misc-feature
<222> (7)... (7)
<223>n□a, "t", "c", or"g"
<221> misc-feature
<222> (9)... (9)
<223>n□a, "t", "c", or"g"
<400> 3
tccaggnanc gcgggcccag tgtcactagg cgggaacacc cagcgcgcgt gcgccctggc   60

aggaagatgg ctgtgaggga caggggagtg gcgccctgca atatttgcat gtcgctatgt   120

gttctgggaa atcaccataa acgtgaaatg tctttggatt tgggaatctt ataagttctg   180

tatgagacag atcttcaata ttggccatta gccatattat tcattggtta tatagcataa   240

atcaatattg gctattggcc attgcatacg ttgtatctat atcataatat gtacatttat   300

attggctcat gtccaatatg accgccatgt tggcattgat tattgactag ttattaatag   360

taatcaatta cggggtcatt agttcatagc ccattatggg agttccgcgt tacataactt   420

acggtaaatg gcccgcctgg ctgaccgccc aacgaccccc gcccattgac gtcaataatg   480

acgtatgttc ccatagtaac   500
<210> 4
<211> 38
<212> DNA
<213> Artificial Sequence
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<223> primer

<400> 4
acgcgtcgac gaattcgaac gctgacgtca tcaacccg   38
<210> 5
<211> 36
<212> DNA
<213> Artificial Sequence
<220>
<223> primer
<400> 5
cccaagcttg tctcatacag aacttataag attccc   36
<210> 6
<211> 50
<212> DNA
<213> Artificial Sequence
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<223> oligo DNA
<400> 6
ggggaagatc taaaaaaata aatgaatcaa gaacattttt aagcttgggg   50
<210> 7
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<212> DNA
<213> Artificial Sequence
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<223> oligo DNA
<400> 7
ccccaagctt aaaaatgttc ttgattcatt tattttttta gatcttcccc   50
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<222> (17)...(35)
<223> n= a, "t", "c", or"g"
<400> 8
ggggaagatc taaaaannnn nnnnnnnnnn nnnnnttttt aagcttgggg   50
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<211> 51
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<213> Artificial Sequence
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<221> misc-feature
<222> (17)... (36)
<223> n= a, "t", "c", or"g"
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ggggaagatc taaaaannnn nnnnnnnnnn nnnnnntttt taagcttggg g   51
<210> 10
<211> 52
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<221> misc-feature
<222> (17)... (37)
<223> n= a, "t", "c", or"g"
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ggggaagatc taaaaannnn nnnnnnnnnn nnnnnnnttt ttaagcttgg gg   52
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<212> DNA
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<220>
<223> primer
<400> 11

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ccccaagctt aaaaa                                                    15
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<213>  Artificial Sequence
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<223>  19 base pair clone
<400>  12
aaagggttta cgtggttgg                                                19
<210>  13
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<223>  19 base pair clone
<400>  13
aatcgtctta tttgcatgc                                                19
<210>  14
<211>  19
<212>  DNA
<213>  Artificial Sequence
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<223>  19 base pair clone
<400>  14
aattgacatg tgagcttgg                                                19
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<223>  19 base pair clone
<400>  15
agtagcttgt tgaggttgg                                                19
<210>  16
<211>  19
<212>  DNA
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<223>  19 base pair clone
<400>  16
cagcatcact gtatgtgtc                                                19
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ctatcttcgt ggaggttgg                                                19
<210>  18
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<223>  19 base pair clone
<400>  18
ctatgaaggt ggtgatgcg                                                19
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<223>  19 base pair clone
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<400>   19
cttaattggt ggttgtagg                                              19
<210>   20
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<223>   19 base pair clone
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tggctgtatg tgagtggct                                              19
<210>   21
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<212>   DNA
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<223>   19 base pair clone
<400>   21
ttaatctctg gtgtcctaa                                              19
<210>   22
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ttgtagggac ttggatgat                                              19
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<223>   Primer
<400>   23
aaaaattcga acccc                                                  15
<210>   24
<211>   50
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<213>   Artificial Sequence
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<222>   (17)... (35)
<223>   n= a, "t", "c", or"g"
<400>   24
ccccttctag atttttnnnn nnnnnnnnnn nnnnnaaaaa ttcgaacccc            50
<210>   25
<211>   35
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   Cleaved from SEQ ID NO 8
<220>
<221>   misc_feature
<222>   (11)... (29)
<223>   n= a, "t", "c", or"g"
<400>   25
gatctaaaaa nnnnnnnnnn nnnnnnnnnt tttta                            35
<210>   26
<211>   35
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   Cleaved from SEQ ID NO 24
<220>
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<221>  misc_feature
<222>  (7)... (25)
<223>  n= a, "t", "c", or"g"
<400>  26
attttttnnnn nnnnnnnnnn nnnnnaaaaa ttcga                            35
<210>  27
<211>  50
<212>  DNA
<213>  Artificial Sequence
<220>
<223>  DNA/RNA sequence
<400>  27
ggggaagatc taaaaaaata aatgaatcaa gaacattttt aagcttgggg            50
<210>  28
<211>  50
<212>  DNA
<213>  Artificial Sequence
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<223>  DNA/RNA sequence
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cccccttctag attttttat ttacttagtt cttgtaaaaa ttcgaacccc           50
<210>  29
<211>  35
<212>  DNA
<213>  Artificial Sequence
<220>
<223>  cleaved from SEQ ID NO 27
<400>  29
gatctaaaaa aataaatgaa tcaagaacat tttta                            35
<210>  30
<211>  35
<212>  DNA
<213>  Artificial Sequence
<220>
<223>  cleaved from SEQ ID NO 28
<400>  30
attttttat ttacttagtt cttgtaaaaa ttcga                             35
<210>  31
<211>  9
<212>  DNA
<213>  Artificial Sequence
<220>
<223>  DNA/RNA sequence
<400>  31
ttcaagaga                                                          9
<210>  32
<211>  9
<212>  DNA
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<223>  DNA/RNA sequence
<400>  32
aagttctct                                                          9
<210>  33
<211>  18
<212>  DNA
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<220>
<223>  DNA/RNA sequence
<400>  33
acaaagcttt tccaaaaa                                               18
<210>  34
<211>  19
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<212>   DNA
<213>   Artificial Sequence
<221>   misc_feature
<222>   (1)...(19)
<223>   n= a, "t", "c", or"g"
<400>   34
nnnnnnnnnnn nnnnnnnnn                                         19
<210>   35
<211>   36
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   DNA/RNA hairpin
<400>   35
cacacgtgtc ttcgaacaca atgctaatct cttgaa                       36
210>   36
<211>   26
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   Adopter
<400>   36
agcttactgc acccggggat cctgtt                                  26
<210>   37
<211>   21
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   Primer
<400>   37
aactggatcc ccggggtgca g                                       21
<210>   38
<211>   64
<212>   DNA
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<220>
<223>   DNA/RNA Sequence
<220>
<221>   misc-feature
<222>   (8)...(26)
<223>   n= a, "t", "c", or"g"
<220>
<221>   misc_feature
<222>   (36)... (54)
<223>   n= a, "t", "c", or"g"
<400>   38
gatccccnnn nnnnnnnnnn nnnnnnttca agagannnnn nnnnnnnnnn nnnnttttg   60
gaaa                                                          64
<210>   39
<211>   64
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<223>   DNA/RNA Sequence
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<222>   (4)...(22)
<223>   n= a, "t", "c", or"g"
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<221>   misc_feature
<222>   (32)...(50)
<223>   n= a, "t", "c", or"g"
<400>   39
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gggnnnnnnn nnnnnnnnnn nnaagttctc tnnnnnnnnn nnnnnnnnnn aaaaaccttt          60
tcga                                                                       64
<210>   40
<211>   11
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<213>   Artificial Sequence
<220>
<223>   DNA/RNA sequence
<400>   40
tttttggatc c                                                              11
<210>   41
<211>   41
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   DNA/RNA Hairpin
<400>   41
gggagatctt cgcttcaacg aagatctccc ggatccaaaa a                             41
<210>   42
<211>   31
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   DNA/RNA Sequence
<220>
<221>   misc_feature
<222>   (8)...(26)
<223>   n= a, "t", "c", or"g"
<400>   42
gatccccnnn nnnnnnnnnn nnnnnntttt t                                        31
<210>   43
<211>   29
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   DNA/RNA Sequence
<220>
<221>   misc_feature
<222>   (1)...(19)
<223> n= a, "t", "c", or"g"
<400>   43
nnnnnnnnnn nnnnnnnnnt ttttggaaa                                           29
<210>   44
<211>   27
<212>   DNA
<213>   Artificial Sequence
<220>
<223>   DNA/RNA Sequence
<220>
<221>   misc_feature
<222>   (4)...(22)
<223>   n= a, "t", "c", or"g"
<400>   44
gggnnnnnnn nnnnnnnnnn nnaaaaa                                             27
<210>   45
<211>   33
<212>   DNA
<213>   Artificial Sequence
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<223>   DNA/RNA Sequence
<220>
<221>   misc_feature
<222>   (1)...(19)
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<223> n= a, "t", "c", or"g"
<400> 45
nnnnnnnnnn nnnnnnnnna aaaacctttt cga   33